

APPROVED	O.G. FIG.
	CLASS/SUBCLASS
BY	
DRAFTER/MAN	

$\text{Ga}_x\text{Al}_{1-x}\text{N}$  ( $0 \leq x \leq 1$ ) CRYSTAL

AIN SINGLE BUFFER LAYER

SAPPHIRE SUBSTRATE

FIG. 1

$\text{Ga}_x\text{Al}_{1-x}\text{N}$  ( $0 \leq x \leq 1$ ) CRYSTAL

$\text{Ga}_y\text{Al}_{1-y}\text{N}$  ( $0 < y \leq 1$ )  
SINGLE BUFFER LAYER

SAPPHIRE SUBSTRATE

FIG. 2

T06050 \* 98200/260

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BY	CLASS/SUBCLASS
DRAFTER/SMAN	

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T06050 " 92200 2/60

GaN/GaN DOUBLE  
BUFFER LAYER

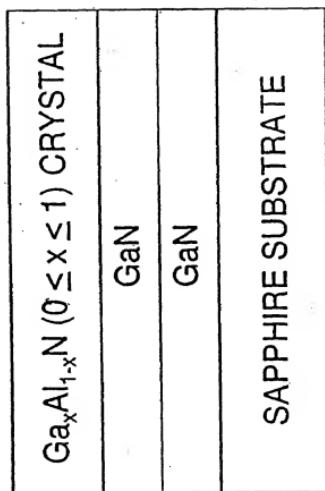


FIG. 3

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DEPTSMAN	

TOKUSO "92200260

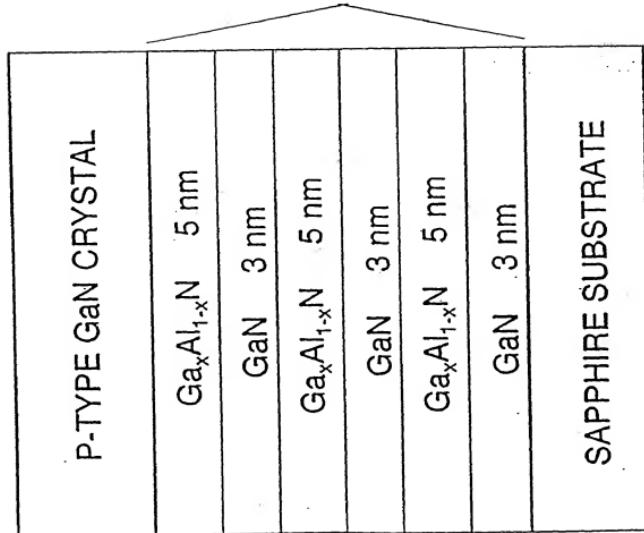


FIG. 4

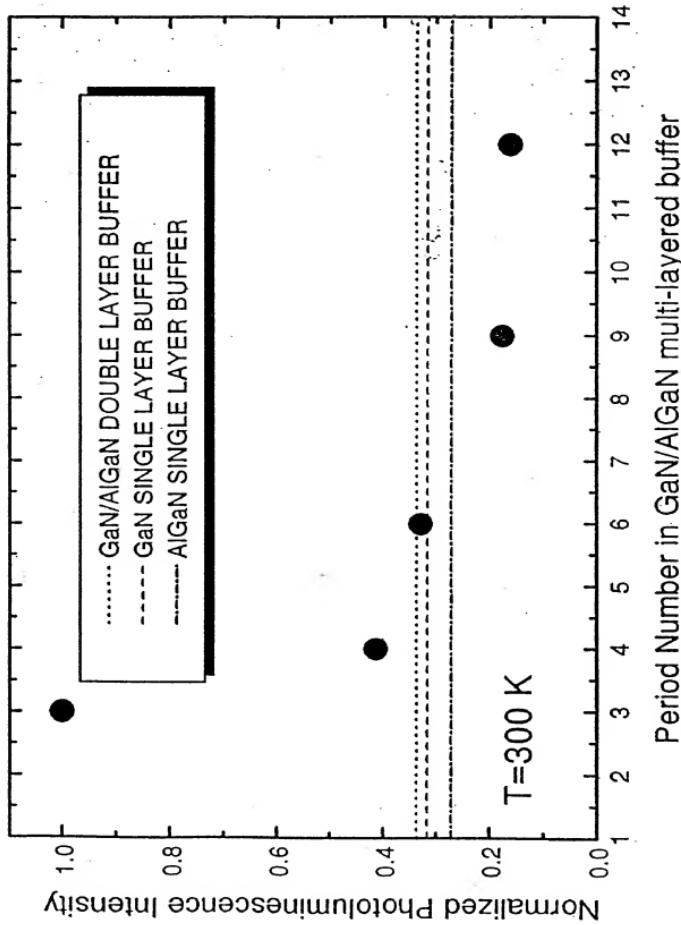
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PAP110-PCT

APPROVED	O.G. FIG.
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DRAFTSMAN	

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FIG. 5



T06050 " 9E200Z60

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PAP110-PCT

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

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TO6050-9E200460

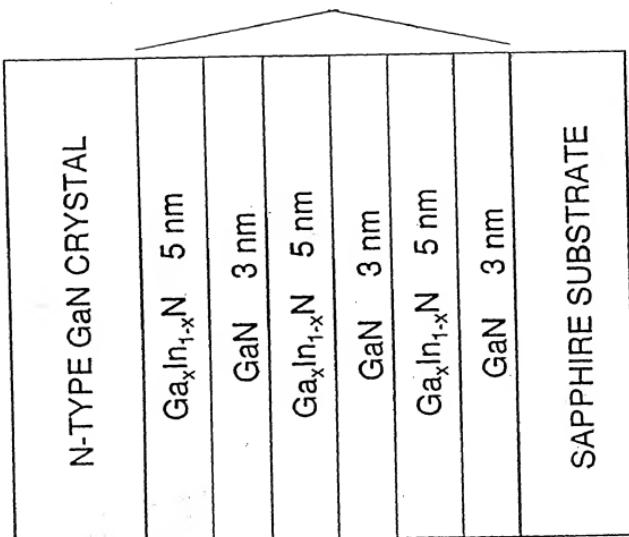


FIG. 6

APPROVED	O.G. FIG.
BY	GLASS/SUBCLASS
DRAFTSMAN	

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T06050" 95200/60

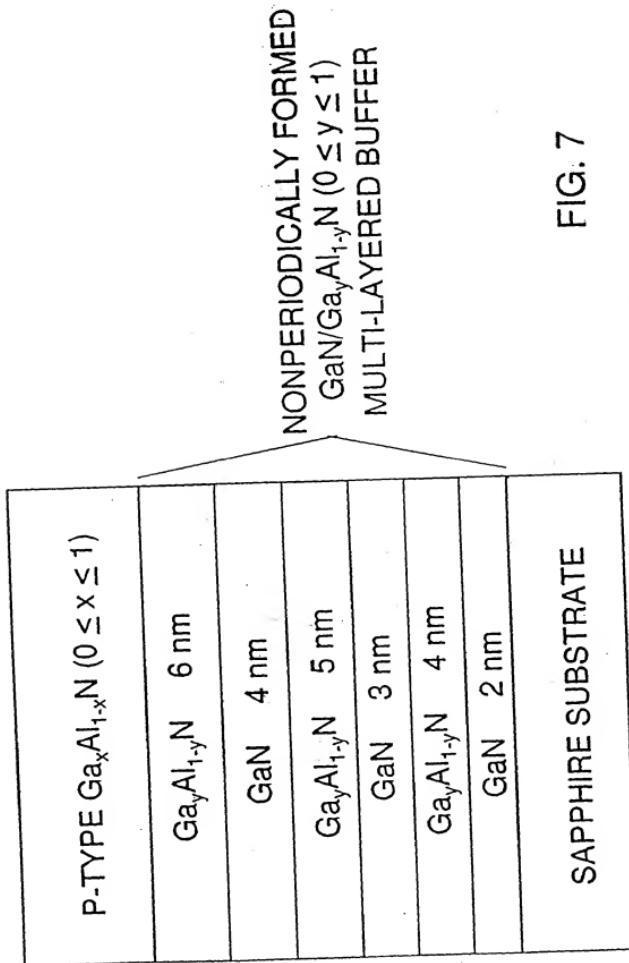


FIG. 7

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

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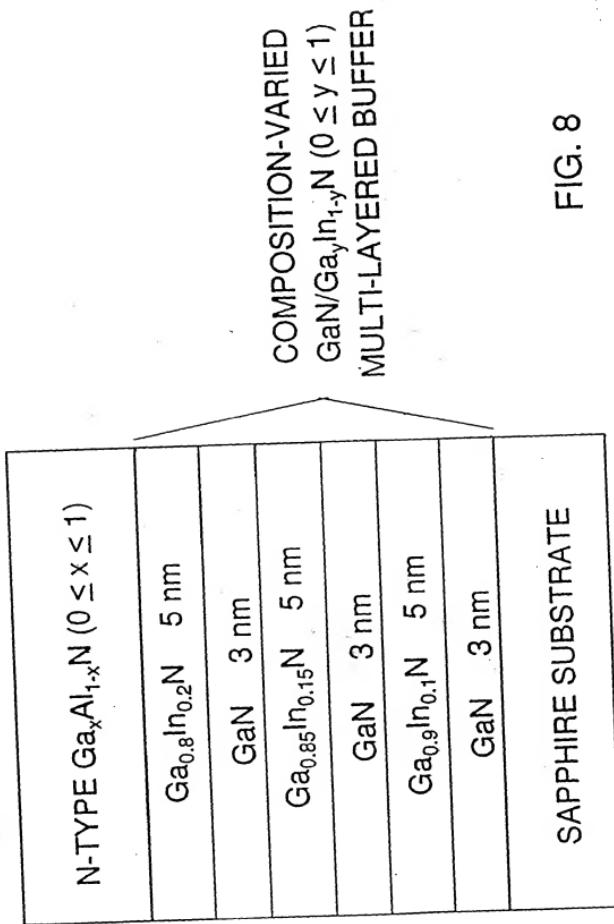


FIG. 8